



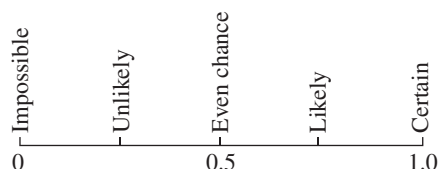
SKILLSHEET 14.3

Probability scale I

Most everyday events could be described as either certain, likely, even chance (fifty-fifty), unlikely, or impossible to occur.

On the probability scale these can be shown as follows:

Note that the probability scale runs from 0 to 1. The lower the number on the probability scale, the less likely it is that the event will occur.



WORKED EXAMPLE

For each of the probabilities listed below, state whether the event would be certain, likely, fifty-fifty (even chance), unlikely or impossible.

- a** 0.8 **b** 0.35

THINK

- a** Refer to the probability scale. The probability 0.8 lies between 0.5 and 1.0 on the scale and indicates that the event is likely to occur.
- b** Refer to the probability scale. The probability 0.35 lies between 0 and 0.5 on the scale and indicates that the event is unlikely to occur.

WRITE

- a** The event is likely to occur.
- b** The event is unlikely to occur.

Try these

For each of the probabilities listed below, state whether the event would be certain, likely, fifty-fifty, unlikely or impossible.

- 1 0.3
- 2 1.0
- 3 0.75
- 4 0.5
- 5 0
- 6 0.41
- 7 0.28
- 8 0.67

SKILLSHEET — ANSWERS

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Probability scale I

- 1 Unlikely
- 2 Certain
- 3 Likely
- 4 Fifty-fifty
- 5 Impossible
- 6 Unlikely
- 7 Unlikely
- 8 Likely